FIG.1A

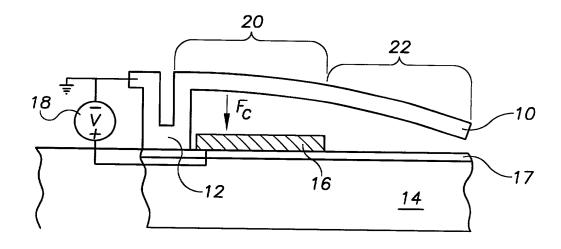
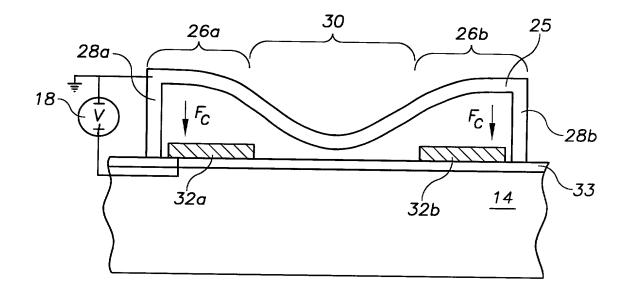
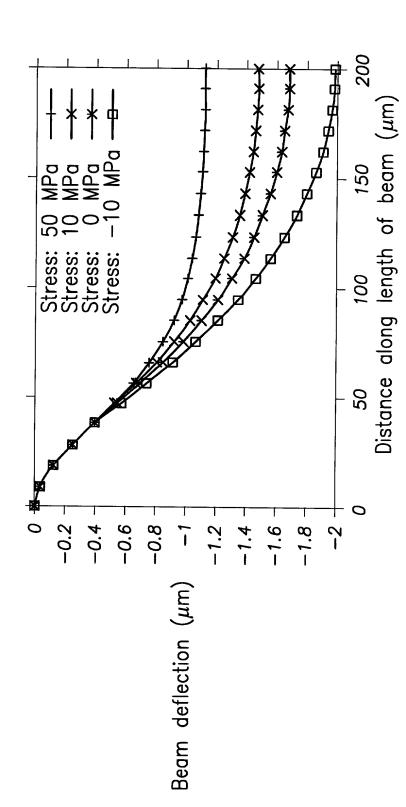


FIG.1B



F1G.2



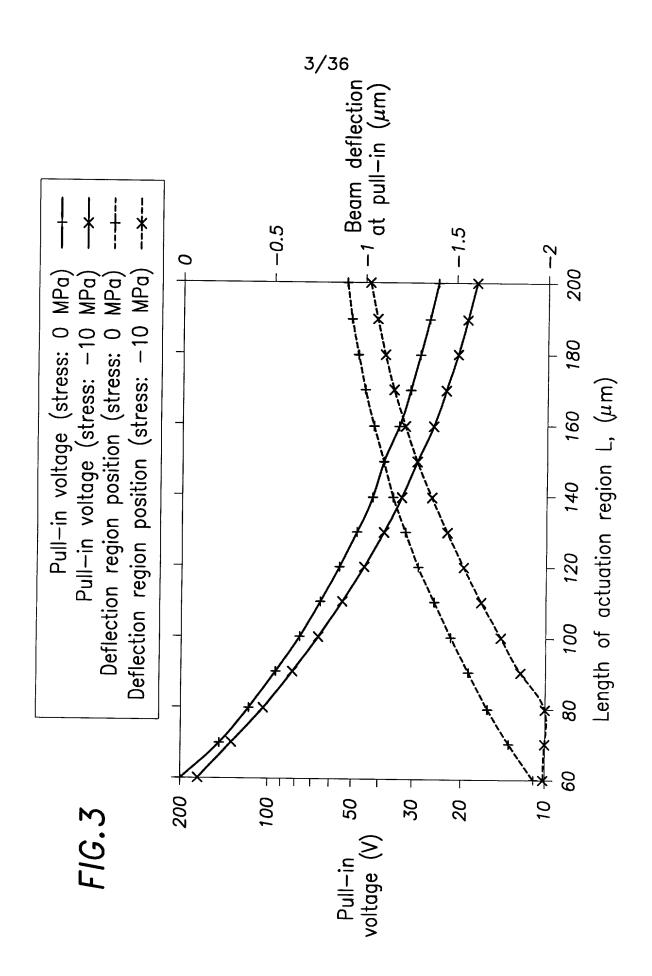


FIG.4

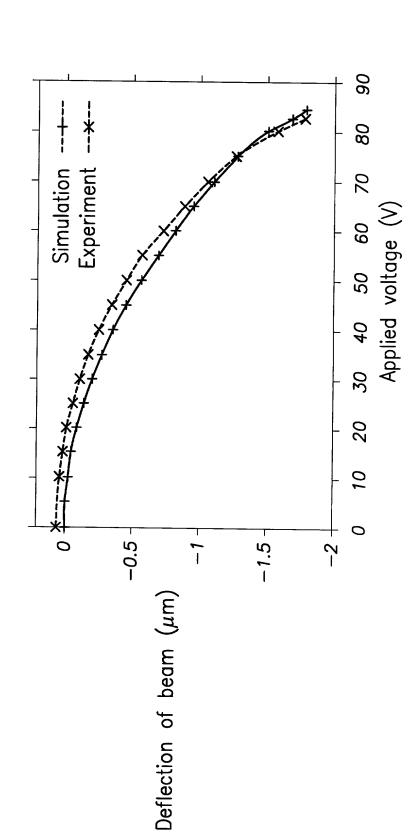
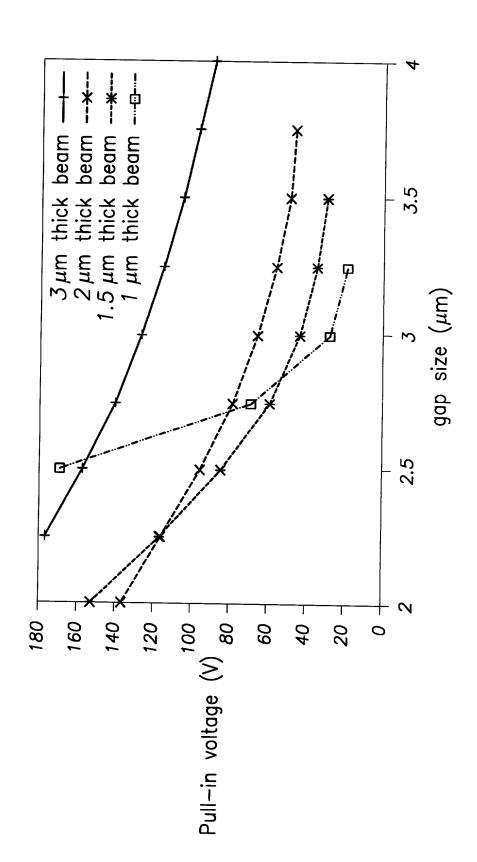


FIG.5



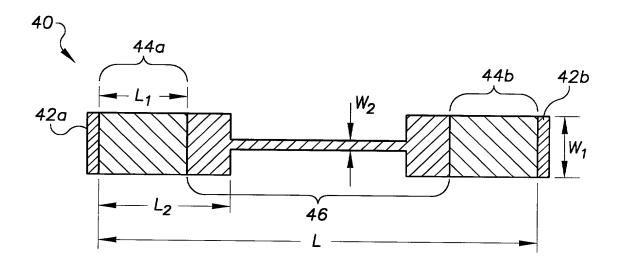


FIG.6B

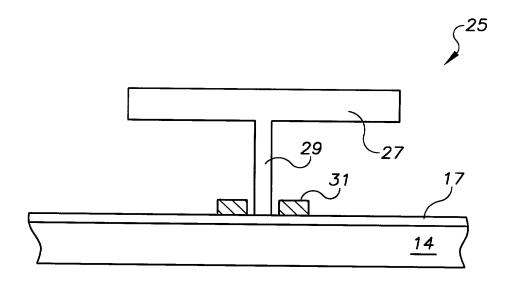


FIG.6C



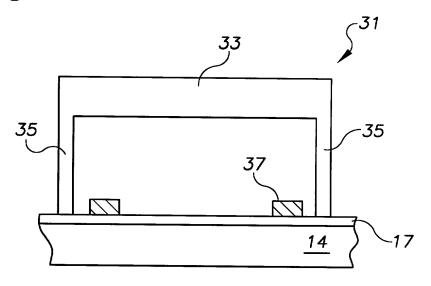
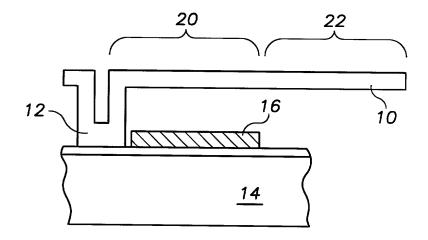


FIG.6D



F1G.7

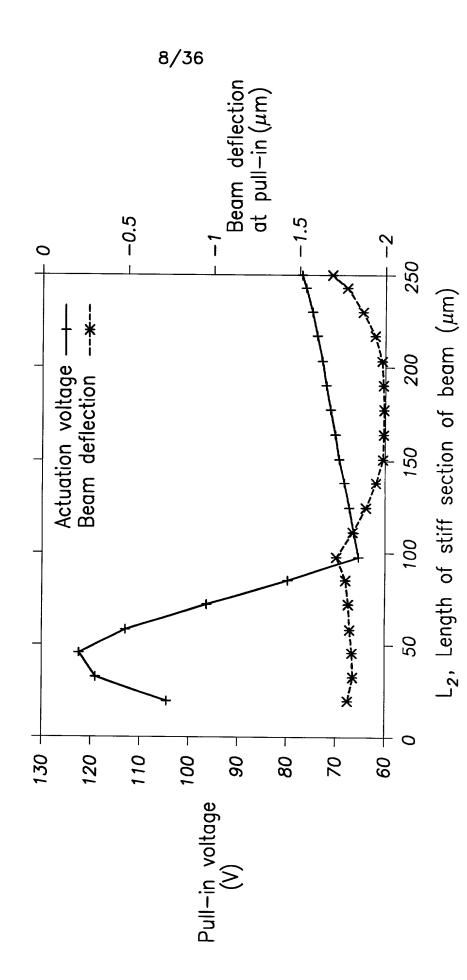


FIG.8A

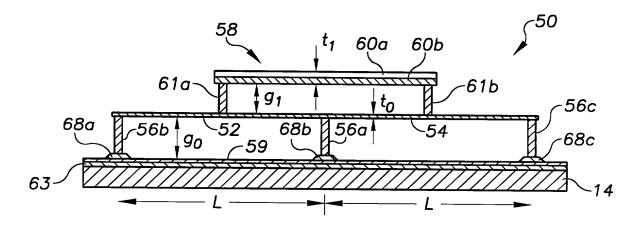
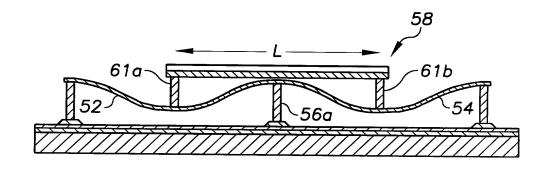


FIG.8B



The state of the s

FIG.9A

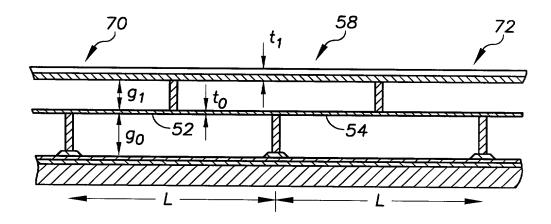


FIG.9B

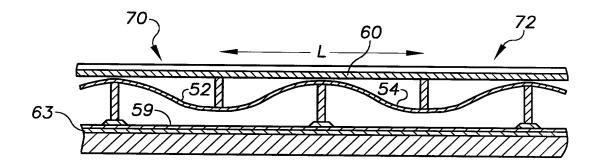
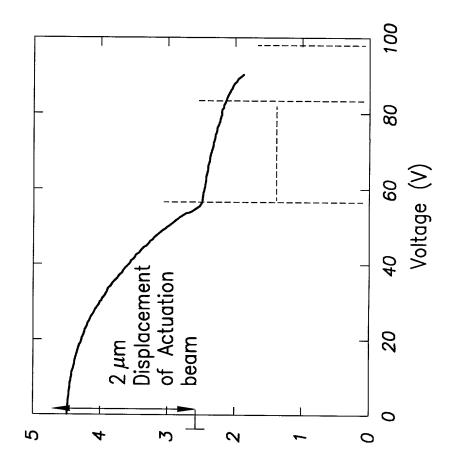


FIG. 10A



Actuation Gap (μm)

FIG. 10B

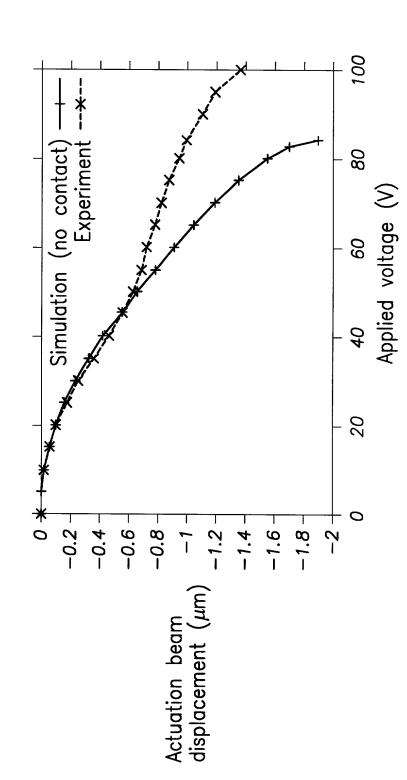


FIG. 11A

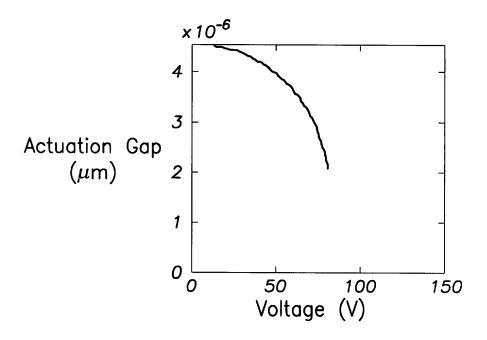


FIG. 11B

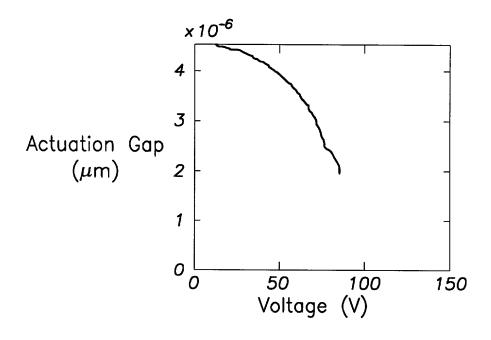


FIG. 11C

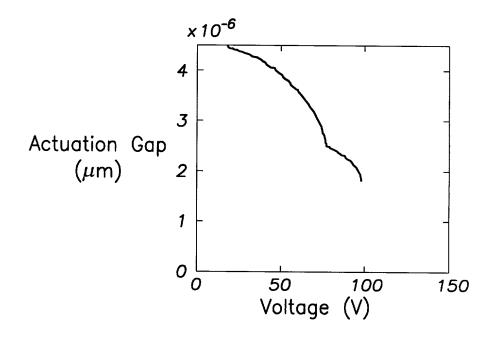


FIG. 11D

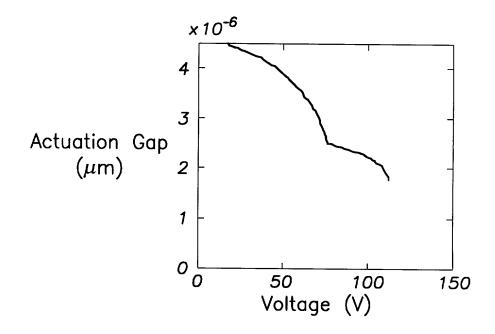


FIG. 11E

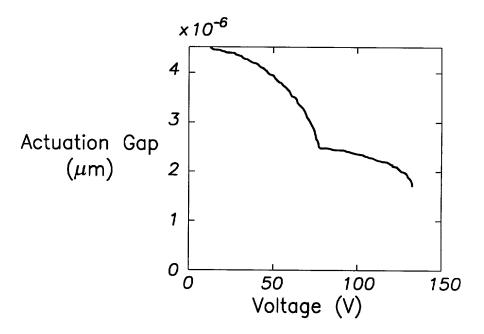


FIG. 11F

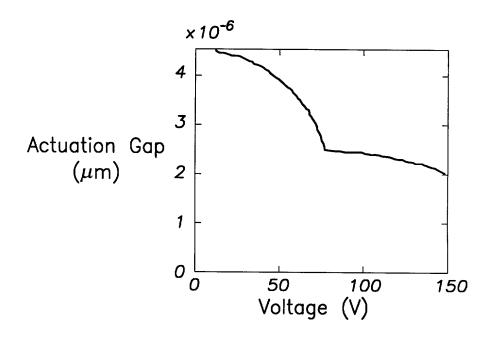


FIG. 12A

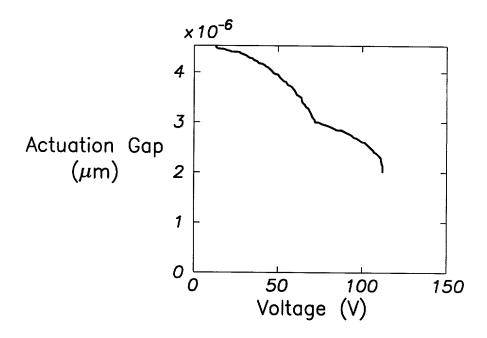


FIG. 12B

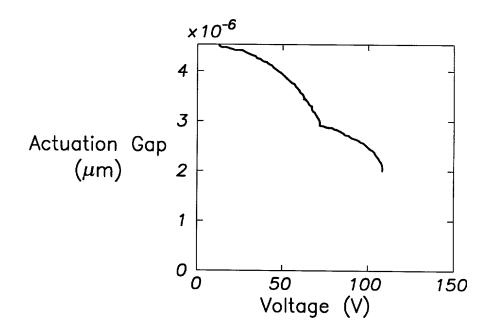


FIG. 12C

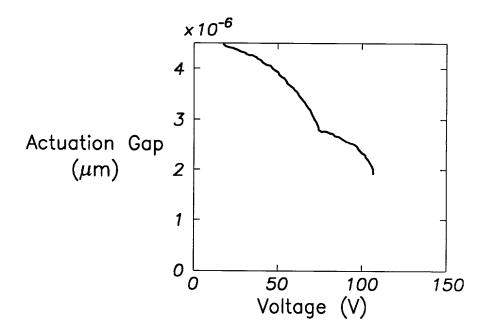


FIG. 12D

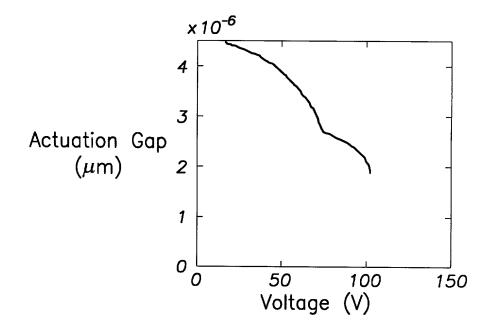


FIG. 12E

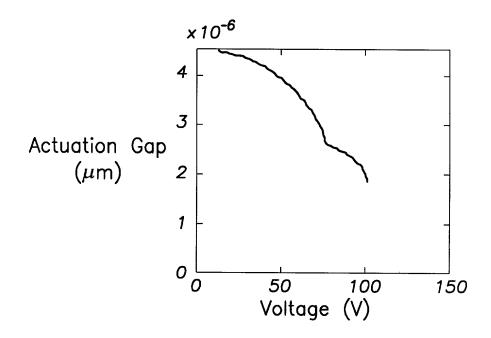


FIG. 12F

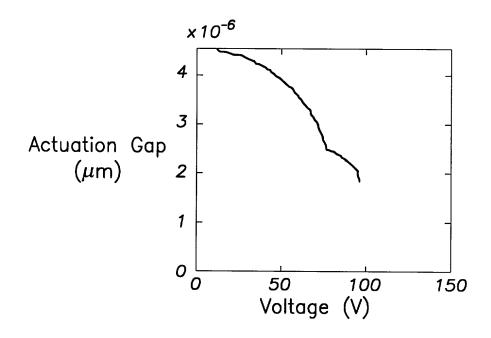


FIG. 13A

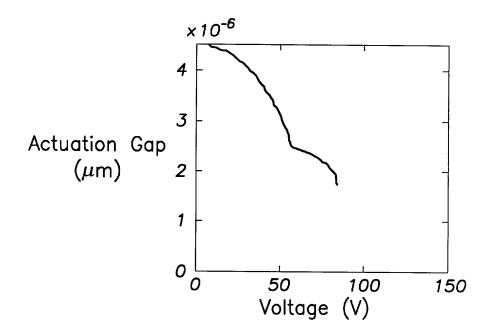


FIG. 13B

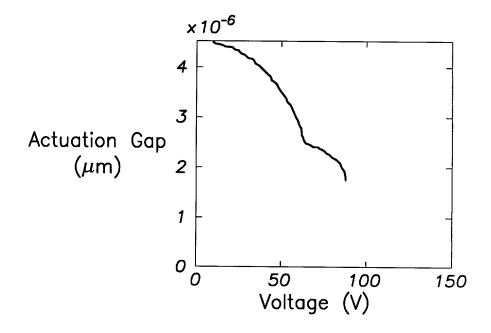


FIG. 13C

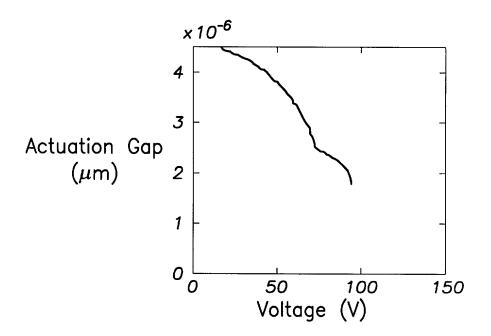


FIG. 13D

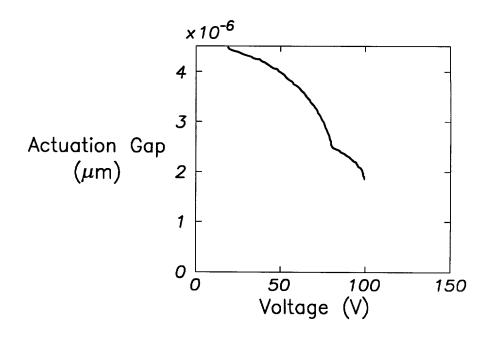


FIG. 13E

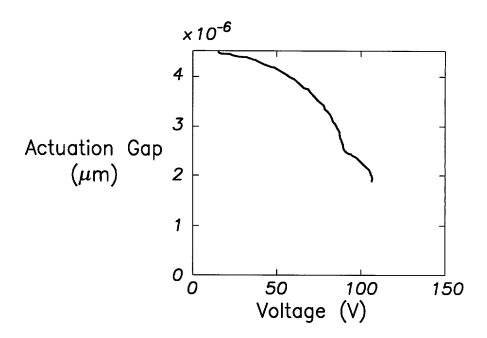


FIG. 13F

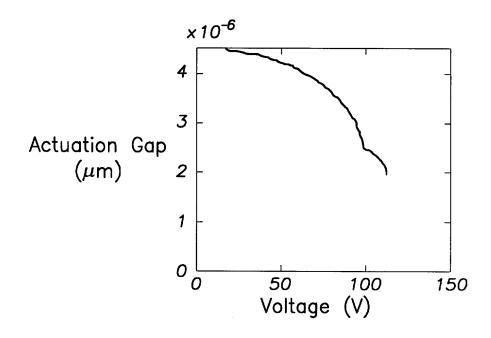


FIG. 14A

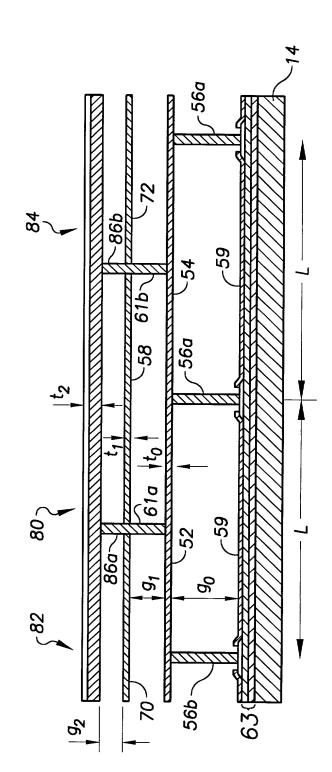


FIG. 14B

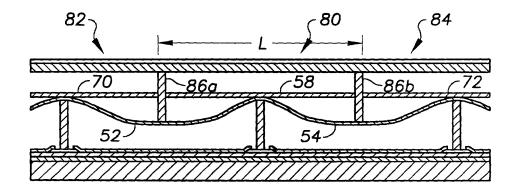


FIG.14C

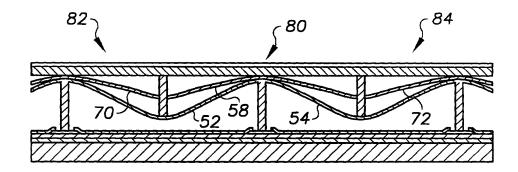


FIG. 15A

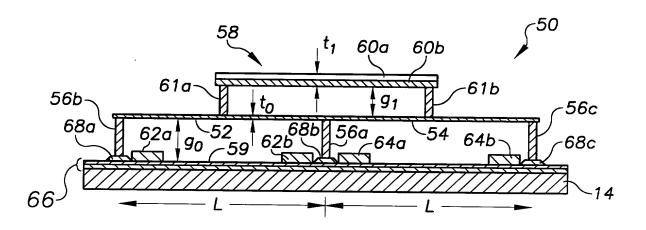


FIG. 15B

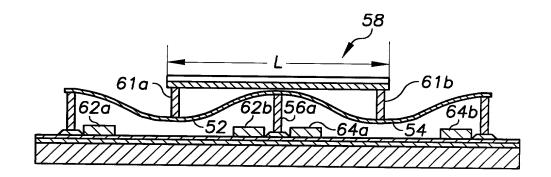


FIG. 16A

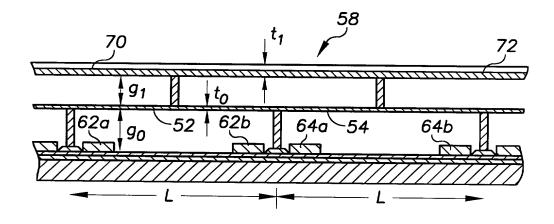
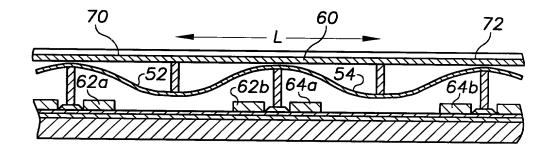


FIG. 16B



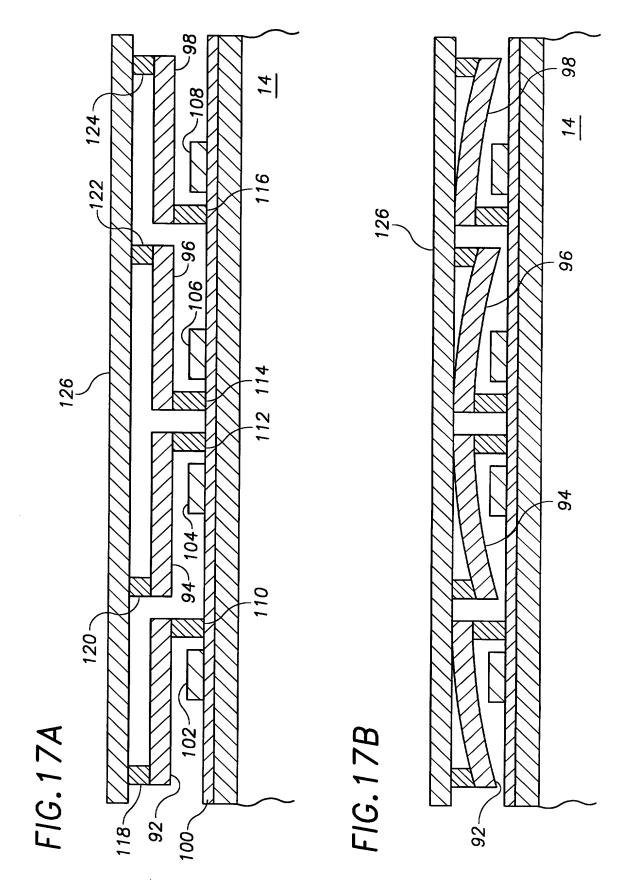


FIG. 18A

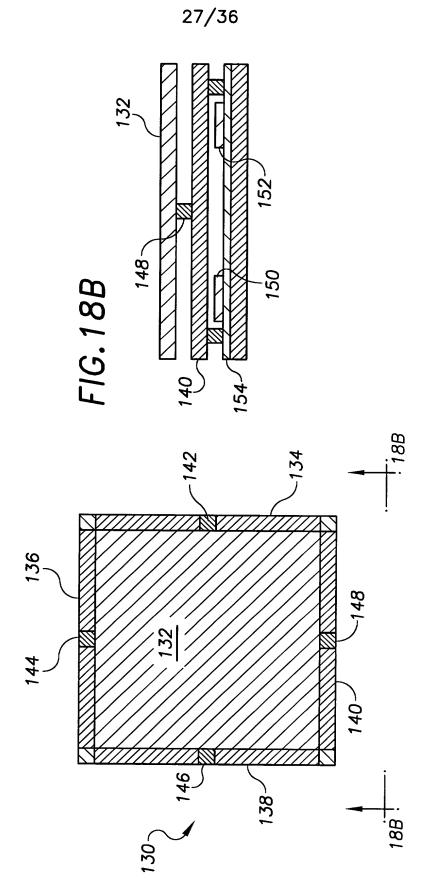


FIG. 19A

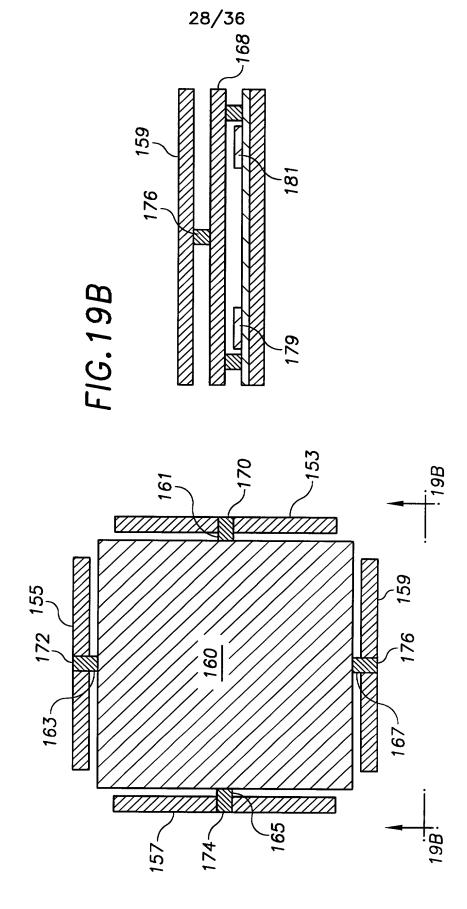
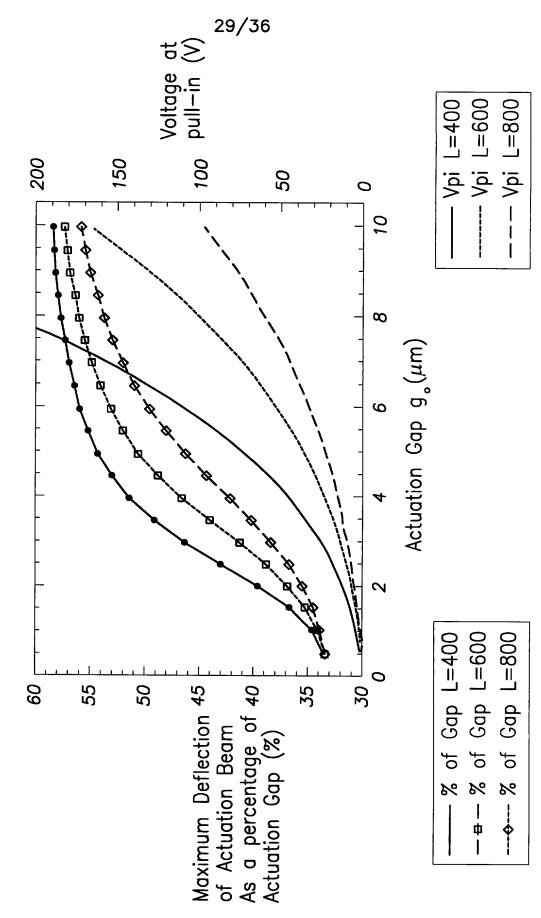


FIG.20



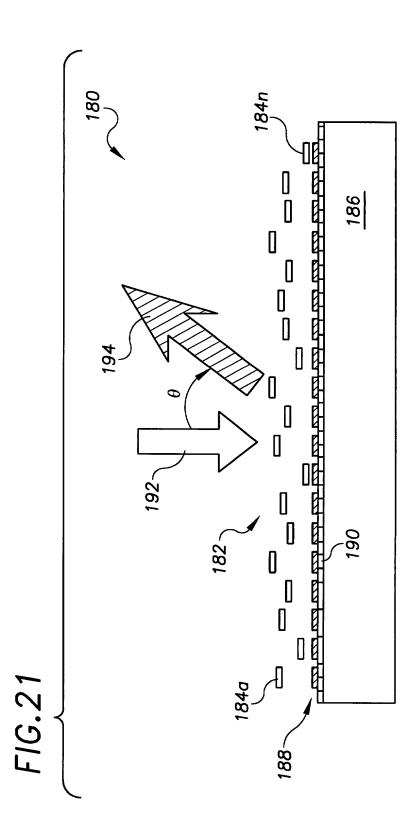


FIG.22

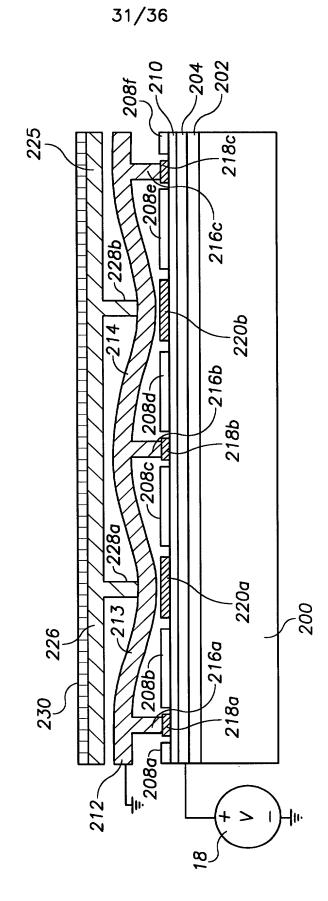


FIG.23A



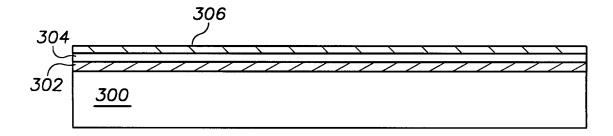


FIG.23B

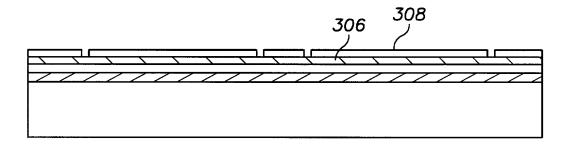


FIG.23C

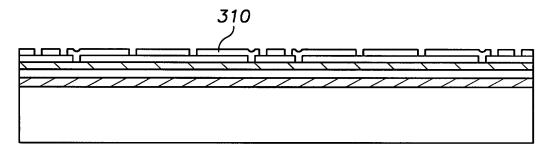
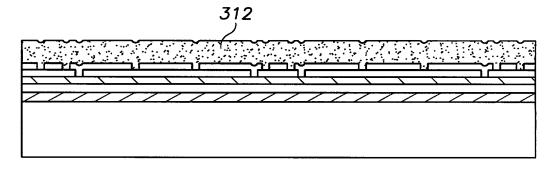


FIG.23D



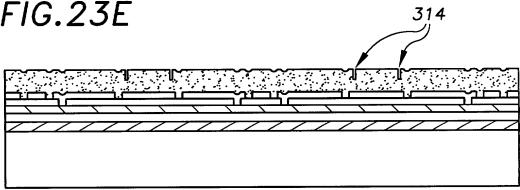


FIG.23F

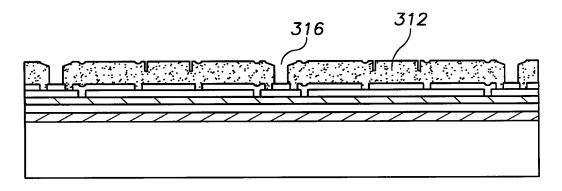


FIG. 23G

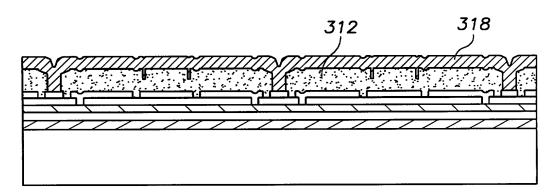


FIG.23H

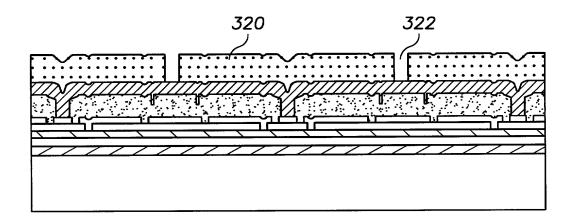


FIG.231

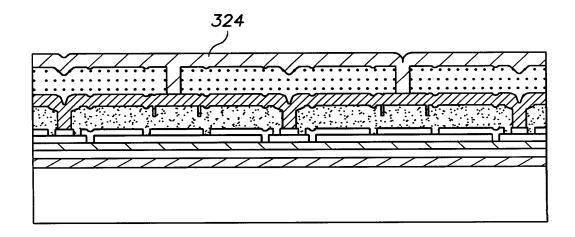


FIG.23J

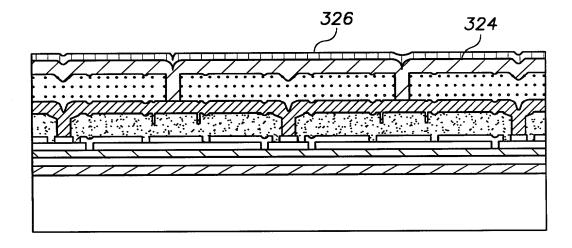


FIG.23K

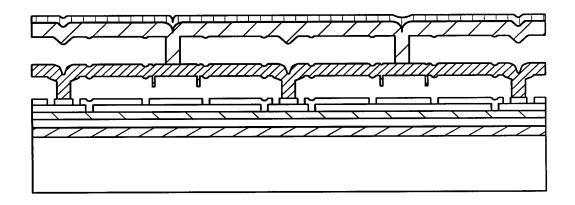


FIG.24

